

GP-302753

LOCATION-SENSITIVE ENGINE EMISSION
CONTROL SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A location-sensitive engine control system includes position locating system (PLS) interfacing with control logic which in turn interfaces with an engine control. Location coordinates from the PLS are relayed to
5 the control logic and compared to an emissions map to determine the emission requirements and corresponding engine control settings. The engine control receives the engine control settings from the control logic and adjusts engine parameters to allow the engine to comply with the emission requirements. If desired, emissions information may be stored in the control
10 logic. An antenna or other suitable device for receiving and transmitting information may interface with the control logic to provide emissions map updates and to allow transmission of the emissions information.